

Roger Ji

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Bioscience High School, Engineering Pathway Class of 2026

Mentored by Britny Delp

Avid learner, pilot, and leader dedicated to engineering, collaboration, and problem-solving, seeking an internship in Aerospace Engineering, Flight Operations, and Automation Engineering

Positions

Student Pilot at Sierra Charlie Aviation, 2024-Present

- ★ 40+ hours of flight time
- ★ Private Pilot's License estimated completion in March 2025
- ★ Learning aviation, aerospace skills, and physics

Vice President and Member of Dragon Robotics 2375, 2022-Present

- ★ Managing a team of 50+ students to design a robot for First Robotics Competition
- ★ Coordinated grant and donation programs raising over \$50,000 for our team
- ★ Managing engineering processes using Gantt charts and making key design decisions
- ★ Utilizing CAD to prototype designs while mentoring incoming members how to use CAD

President of Bioscience High School SkillsUSA, 2024-Present

- ★ Developing professional skills as an engineer and learning systems engineering
- ★ Job-specific skills such as Excel, Word, and Powerpoint

Member of American Institute of Aeronautics and Astronautics, 2024-Present

- ★ Career readiness
- ★ Access to other like-minded engineers

Honors and Awards

FIRST Robotics Competition Dean's List Semi-Finalist, March 2024

Makers of Change Functional Prototype Winner, October 2024

Phoenix Union Academic Excellence Award, April 2023 & April 2024

Making the Future Award from Phoenix Union School District, April 2024

Skills

Problem-solving

Collaboration

Organization

Adaptability

SOLIDWORKS CSWA

Engineering Design Process

Trotec Speedy 300

OnShape (Advanced)

Team Management

Microsoft Office

Google Suite

Time Management

Volunteer Experience

ASU STEM Coding Workshop, December 2024

Rogers Ranch Elementary School Robotics Visits and Outreach, 2023-2025

Arizona Robotics State Championship Volunteer, September 2024

Bioscience High School Student Ambassador, July 2023 & July 2024